

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Hiroyuki TOMINAGA

Application No.: New U.S. National Stage of
PCT/IB2004/004155

Filed: June 13, 2006

Docket No.: 128187

For: EXHAUST GAS CONTROL SYSTEM FOR INTERNAL COMBUSTION ENGINE AND
METHOD FOR RECOVERING FILTER THEREOF

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

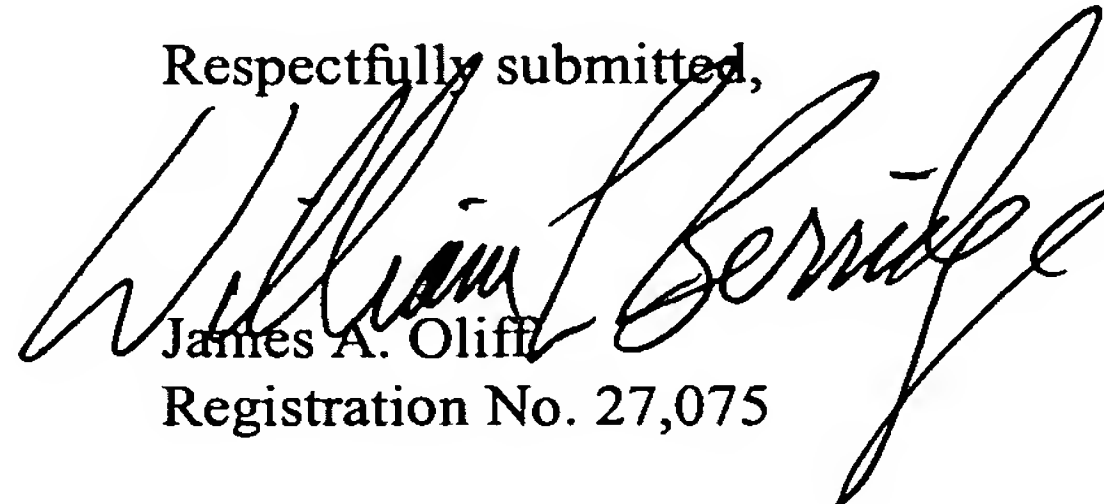
Sir:

Pursuant to 37 CFR §1.56, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO-1449. Unless otherwise indicated herein, one copy of each reference is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

- ☒ 1. This Information Disclosure Statement is being filed (a) within three months of the U.S. filing date of this non-CPA application, OR (b) before the mailing date of a first Office Action on the merits in the present application. No certification or fee is required.
- ☒ 2. Relevance of one or more non-English language reference is discussed in the present specification. See Reference 3.
- ☒ 3. One or more reference cited herein was cited in the International Search Report. An English language version of the International Search Report is attached for the Examiner's information. See References 1 and 2.
- ☒ 4. In accordance with 37 CFR §1.98(a)(2)(ii), copies of any U.S. patents and patent application publications are not attached.
- ☒ 5. A concise explanation of the relevance of one or more non-English language reference cited herein appears in the Appendix attached hereto. See References 4-6.
- ☒ 6. An English language Abstract of one or more non-English language reference is attached hereto. See References 3-6.

- ☒ 7. A computer-generated English language translation of one or more Japanese Patent Publication cited herein has been obtained from the website of the Japanese Patent Office ([<http://www.jpo.go.jp>]), and is attached, but has not been reviewed for accuracy. See References 3-6.

Respectfully submitted,



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<p>DEPOSIT ACCOUNT USE AUTHORIZATION Please grant any extension necessary for entry; Charge any fee due to our Deposit Account No. 15-0461</p>
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Form PTO-1449 (REV. 1/06)		US Dept. of Commerce PATENT & TRADEMARK OFFICE		ATTY DOCKET NO. 128187		APPLICATION NO. <div style="font-size: 2em; font-weight: bold; text-align: center;">10/582683</div> PCT/IB2004/004155	
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)				APPLICANT Hiroyuki TOMINAGA			
				FILING DATE June 13, 2006			

U.S. PATENT DOCUMENTS				
Examiner Initials	Cite No.	Document Number	Date	Name
	1	4,404,795	09/20/1983	Oishi et al.
	2	5,822,977	10/20/1998	Fukuda et al.

FOREIGN PATENT DOCUMENTS						
Examiner Initials	Cite No.	Document Number	Date	Country	With English Abstract	With English Translation
	3	JP A 2003-155919	05/30/2003	Japan	X	X
	4	JP A 2003-83031	03/19/2003	Japan	X	X
	5	JP A 2000-213332	08/02/2000	Japan	X	X
	6	JP A 2002-332824	11/22/2002	Japan	X	X

OTHER DOCUMENTS		
Examiner Initials	Cite No.	(Including Author, Title, Date, Pertinent Pages, etc.)

EXAMINER	DATE CONSIDERED
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Date: June 13, 2006

Appendix

JP-A-No.2003-083031	Sep.7, '01	Mar. 19, '03	Disclosed that the recovery process is prohibited when the engine is in a continuous recovery region in which soot in the particulate filter is burnt by nitrogen oxide continuously generated by the oxidation catalyst.
JP-A-No.2000-213332	Jan. 26, '99	Aug. 2, '00	Disclosed that a continuous recovery region is present in a region in which the engine is operated at a high-rotational speed and high load.
JP-A-No.2002-332824	May 10, '01	Nov. 22, '22	Disclosed that method for estimating an amount of particulate matter deposited in the filter varies in accordance with an operation region of the engine.